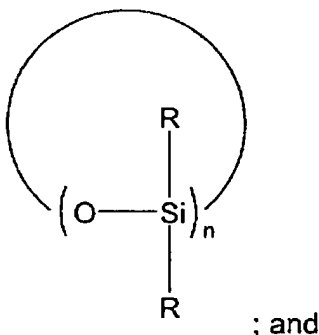


Application Number: 10/525,284  
Amendment Dated: April 8, 2009  
Office Action Dated: January 8, 2009

### LISTING OF THE CLAIMS

1. (currently amended) A poly(cyclosiloxane) network comprising the hydrosilation reaction product of:  
a cyclosiloxane of the formula:



at least one crosslinker group,

wherein each R are the same or different for each siloxane moiety and are selected from the group consisting of hydrogen, an alkyl group, an aryl group, and a cycloalkyl group, and wherein n is an integer from 3 to 8; and

moieties selected from linear silanols, branched silanols, halosilanes, alkoxy silanes, vinyl silanes, allyl silanes, vinyl siloxanes, and allyl siloxanes, ~~and~~

~~wherein the Si—O bonds of the cyclosiloxanes are substantially unrearranged compared to the cyclosiloxane precursors of the network.~~

2. (cancelled)

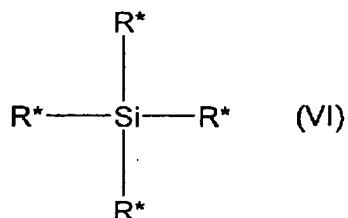
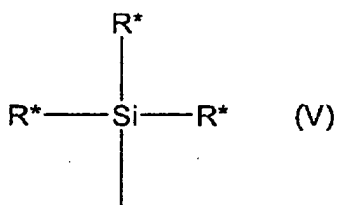
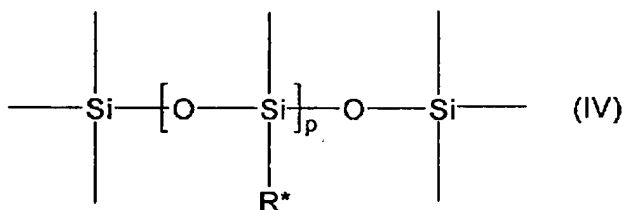
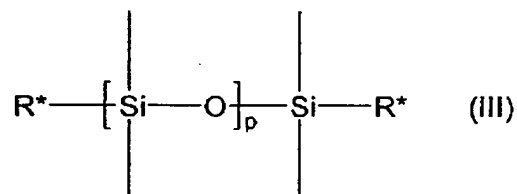
3. (cancelled)

4. (previously presented) The poly(cyclosiloxane) network of claim 1, wherein n is equal to 5.

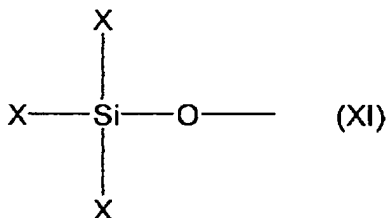
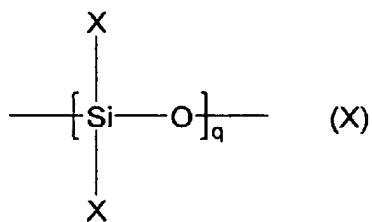
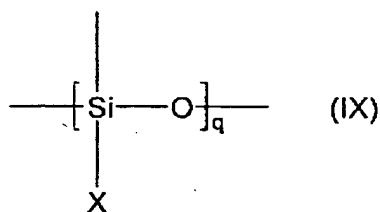
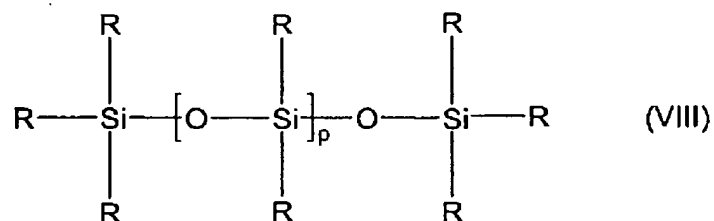
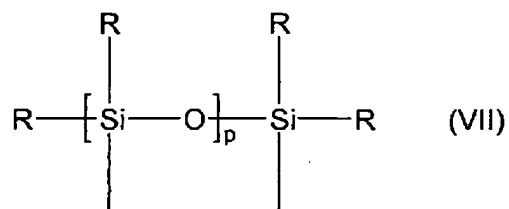
Application Number: 10/525,284  
Amendment Dated: April 8, 2009  
Office Action Dated: January 8, 2009

5. (original) The poly(cyclosiloxane) network of claim 1, wherein the molar ratio of cyclosiloxanes to reacted moieties is greater than 1:1.

6. (previously presented) The poly(cyclosiloxane) network of claim 1, wherein the crosslinking group has a formula selected from formulae III to XI:



Application Number: 10/525,284  
Amendment Dated: April 8, 2009  
Office Action Dated: January 8, 2009



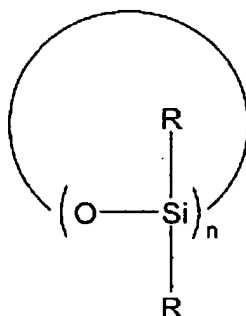
Application Number: 10/525,284  
Amendment Dated: April 8, 2009  
Office Action Dated: January 8, 2009

wherein p is equal to an integer from 0 to 200, q is equal to an integer from 1 to 100, R is a C<sub>1</sub>–C<sub>4</sub> alkyl, R\* is a vinyl, an allyl, a hydride, a hydroxyl, a halogen or a C<sub>1</sub>–C<sub>4</sub> alkoxy, and X is a hydride, a hydroxyl, a halogen or a C<sub>1</sub>–C<sub>4</sub> alkoxy.

7. (previously presented) The poly(cyclosiloxane) composition of claim 1, wherein the cyclosiloxane is selected trimethylcyclotrisiloxane, tetramethycyclotetrasiloxane, hexamethylcyclohexasiloxane, heptamethylcycloheptasiloxane, and octakis(dimethylsiloxy)T8-silsesquioxane.

8. (original) The poly(cyclosiloxane) composition of claim 1, wherein the cyclosiloxane is pentamethylcyclopentasiloxane and the crosslinking group is a dihydroxyhexasiloxane.

9. (original) The poly(cyclosiloxane) composition of claim 1, wherein the cyclosiloxane of the formula:



contains at least 2 Si–H bonds.

Claims 10 through 20, cancelled.

Application Number: 10/525,284  
Amendment Dated: April 8, 2009  
Office Action Dated: January 8, 2009

21. (currently amended) The polycyclosiloxane network of claim 1,  
wherein the network is a thermoset composition.